

WHAT IS CLAIMED IS:

1. A display control device comprising:
  - a connection unit for connecting a plurality of display media in which image information to be displayed can be written by an external input;
  - a recognition unit for recognizing the number of display media connected to the connection unit; and
  - a writing unit for writing related information for writing the image information in the display media.
2. A display control device according to claim 1, wherein the display medium is detachably connected to the connection unit.
3. A display control device according to claim 1, further comprising a detection unit for detecting that the display medium is connected to the connection unit.
4. A display control device according to claim 3, wherein the recognition unit recognizes the number of display media by counting the number of display media detected by the detection unit.
5. A display control device according to claim 1, wherein the connection unit is connected to each display medium by being brought into contact with the display medium.
6. A display control device according to claim 5, wherein the display media have connector elements, and the connection

unit has a plurality of connection sections to be connected to the connector elements of the display media.

7. A display control device according to claim 5, wherein each display medium has a connection element to which an input terminal and an output terminal are connected,

the connection unit comprises a terminal pair for each connectable display medium, said terminal pair comprising a recognition signal supply terminal for outputting a recognition signal to the input terminal of the connection element and a recognition signal detection terminal for detecting a recognition signal from the output terminal of the connection element, and

the recognition unit counts recognition signals at the recognition signal detection terminals of the connection unit.

8. A display control device according to claim 6, wherein the display medium has a connection element to which an input terminal and an output terminal are connected,

the connection unit comprises a terminal pair for each connectable display medium, said terminal pair comprising a recognition signal supply terminal for outputting a recognition signal to the input terminal of the connection element and a recognition signal detection terminal for detecting a recognition signal from the output terminal of the connection element, and

the recognition unit counts recognition signals at the

recognition signal detection terminals of the connection unit.

9. A display control device according to claim 1, wherein the connection unit is connected to display media by radio communication without being in contact with the display media.

10. A display control device according to claim 8, wherein the display media have RFIDs representing pieces of unique information which can be given and received by radio communication, and the recognition unit counts the RFIDs.

11. A display control device according to claim 1, wherein the display media are memory-type display media.

12. A display control device according to claim 1, further comprising a transmission unit for transmitting number information representing the number of display media recognized by the recognition unit.

13. A display control device according to claim 12, wherein the transmission unit transmits the number information to an external computer through a communication line.

14. A display control device according to claim 1, further comprising a receiving unit for receiving image information related to an image to be displayed on the display medium from an external computer, wherein, on the basis of the image information received by the receiving unit and the number of display media recognized by the recognition unit, the writing unit writes related information in the display media.

15. A display control device according to claim 1,

wherein the writing unit writes image information to be displayed on the display media as the related information.

16. A computer comprising:

a storage unit for storing related information related to an image to be displayed on a display medium;

a receiving unit for receiving the number of the display media; and

a transmission unit for transmitting the image information on the basis of the number of the display media received by the receiving unit and the image information stored in the storage unit.

17. A display control device comprising:

a connection unit for detachably connecting to each of a plurality of display media;

a detection unit for detecting connection states between the display media and the connection unit; and

a rewrite control unit for, when a change of a connection state between at least one of the display media and the connection unit is detected by the detection unit, controlling rewriting of at least a part of an image displayed on the display medium connected to the connection unit depending on the detected connection state.

18. A display control device according to claim 17, wherein the rewrite control unit rewrites the image displayed on at least one of the display media into a different image when

the change of the connection state is detected by the detection unit.

19. A display control device according to claim 17, wherein, when the detection unit detects that a new display medium has been connected to the connection unit, the rewrite control unit rewrites in the new display medium at least one part of an image displayed on at least one of the display media.

20. A display control device according to claim 17, wherein the connection unit connects to the display media such that one display medium is stacked so as to cover a display surface of one adjacent display medium, and, when the one display media is turned over in some direction, the display surface of the one adjacent display medium appears.

21. A display control device according to claim 20, wherein, when the detection unit detects connection between a new display medium and the connection unit, the rewrite control unit writes an image in the new display medium and a display medium having a display surface facing the new display medium.

22. A display control device according to claim 17, wherein the connection unit connects at least two display media in a page spread state.

23. A display control device according to claim 22, wherein the rewrite control unit rewrites an image by changing a magnification of at least a part of the image on the display media connected to the connection unit after the change of the

connection state is detected by the detection unit.

24. A display control device according to claim 23, wherein the rewrite control unit rewrites an image by changing a magnification of the image depending on a displayable region of the display media connected to the connection unit.

25. A display control device according to claim 22, wherein the rewrite control unit rewrites an image by changing a display position of the image on the display media connected to the connection unit after the change of the connection state is detected by the detection unit.

26. A display control device according to claim 25, wherein the rewrite control unit rewrites an image by changing a display position of the image depending on a displayable region of the display media connected to the connection unit.

27. A display control device according to claim 17, wherein the rewrite control unit rewrites images of the display media such that the contents of the images are continuous in a display order of the display media connected to the connection unit.

28. A display control device according to claim 17, wherein a connection state detected by the detection unit includes the number of display media connected to the connection unit.

29. An image display device comprising:  
a plurality of display media; and

a display control device including a connection unit for detachably connecting to each of the plurality of display media, a detection unit for detecting connection states between the display media and the connection unit, and a rewrite control unit for, when a change of a connection state between at least one of the display media and the connection unit is detected by the detection unit, controlling rewriting of at least a part of an image displayed on the display medium connected to the connection unit depending on the detected connection state.

30. An image display system comprising:

an image display device including a plurality of display media, a connection unit for detachably connecting to each of the plurality of display media, a detection unit for detecting connection states between the display media and the connection unit, and a rewrite control unit for, when a change of a connection state between at least one of the display media and the connection unit is detected by the detection unit, controlling rewriting of at least a part of an image displayed on the display medium connected to the connection unit depending on the detected connection state; and

a main control device for transmitting an image to a display control device of the image display device and instructing the display control device to write the image.